

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<p>Substitute for form 1449A/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p><i>(Use as many sheets as necessary)</i></p>				Complete if Known	
				Application Number	10/749,119-Conf. #3286
				Filing Date	December 30, 2003
				First Named Inventor	Richard L. BOYD
				Art Unit	1633
				Examiner Name	Q. J. Li
				Attorney Docket Number	0286336.00152US1 NOR-013CP2
Sheet	1	of	3		

[illegible]

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	Type of Document
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY			
	BA	WO-03/051272	06-26-2003	Yeda Res & Dev et al.		
	BB	WO-02/30259	04-18-2002	Boyd		
	BC	WO-96/06642	03-07-1996	The General Hospital Corporation		

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/749,119-Conf. #3286
				Filing Date	December 30, 2003
				First Named Inventor	Richard L. BOYD
				Art Unit	1633
				Examiner Name	Q. J. Li
Sheet	2	of	3	Attorney Docket Number	0286336.00152US1 NOR-013CP2

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²	
	CA	AUSTIN, Timothy W., et al., "Long-term Multilineage Expression in Peripheral Blood from a Moloney Murine Leukemia Virus Vector After Serial Transplantation of Transduced Bone Marrow Cells," Blood, Volume 95, Number 3, February 1, 2000, pages 829-836		
	CB	MUSEY et al., "Cytotoxic-T-Cell Responses, Viral Load, and Disease Progression in Early Human Immunodeficiency Virus Type 1 Infection," New England Journal of Medicine, Vol. 337, 1997, pages 1267-1274		
	CC	NAKANISHI et al., "Cytotoxic T Cell Function in Fish," Developmental and Comparative Immunology, Vol. 26, 2002, pages 131-139		
	CD	DEANESLY et al., "The Structure and Development of the Thymus in Fish, with Special Reference to Salmo Fario," Journal of Cell Science, Vol 281, 1927, pages 113-145		
	CE	IMANISHI, Masaaki, "Induction of Tolerance by Intrathymic Injection of Donor Bone Marrow Cells and Its Mechanism," March 11, 1996, 9 pages		
	CF	BRAAK, H., "Stages in the Development of Parkinson's Disease-Related Pathology," Cell Tissue Res. Vol. 318, pages 121-134		
	CG	RINGHEIM, G.E., "Brain Inflammation, Cholesterol, and Glutamate as Interconnected Participants in the Pathology of Alzheimer's Disease," Current Pharmaceutical Design, Vol. 12, 2002, pages 719-738		
	CH	HUDSON VM, "Rethinking Cystic Fibrosis Pathology: The Critical Role of Abnormal Reduced Glutathione Transport caused by CFTR Mutation," Free Radical Biology and Med. Vol. 30, 2001, pages 1440-1461		
	CI	LIPSCOMB, et al., "Alterations in Bone-Marrow Cellularity Following Thymectomy in Rats," Experientia, 35:1401-1402, 1979		
	CJ	COLE-STRAUSS, A., "Correction of the Mutation Responsible for Sickle Cell Anemia by an RNA-DNA Oligonucleotide," 1996, Science, Vol. 273, pages 1386-1389		

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/749,119-Conf. #3286
				Filing Date	December 30, 2003
				First Named Inventor	Richard L. BOYD
				Art Unit	1633
				Examiner Name	Q. J. Li
Sheet	3	of	3	Attorney Docket Number	0286336.00152US1 NOR-013CP2

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²	
	CK	BOJAK et al., The Past, Present, and Future of HIV-Vaccine Development: A Critical Review," DDT 7:36-46, 2002		
	CL	MWAU et al., "A Review of Vaccines for HIV Prevention," J. Gene Med. 5:3-10, 2003		
	CM	DESROSIERS, R.C., "Prospects for an AIDS Vaccine," Nature Med. 10:221-223, 2004		
	CN	PANTALEO et al., "Correlates of Immune Protection in HIV-1 Infection: What We Know, What We Don't Know, What We Should Know," Nature Med. 10:806-810, 2004		
	CO	KONG, Fan-Kun et al., "Reversible Disruption of Thymic Function by Steroid Treatment," The Journal of Immunology, Copyright 2002 by The American Association of Immunologists, Inc., pages 6500 - 6505		
	CP	COOPER, Max D., et al., "The Functions of the Thymus System and the Bursa System in the Chicken," Pillars of Immunology, The Journal of Experimental Medicine, Vol. 123, 1966, 35 pages		
	CQ	KONDO, Yasuhiro et al., "Effects of Estrogen Treatment During the Embryogenic Protocol Period on Chick Antibody Production," Journal of Poultry Science, 41: 85-93, 2004		

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.